

10/521736

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PATENT  
4001-1196

## IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Reinhard GABL et al.

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed January 19, 2005

Examiner

DEVICE AND METHOD FOR DETECTING A SUBSTANCE

**INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)**Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

January 19, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

**II. COPIES**

- ☐ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☒ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☒ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Abstracts are provided.

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

YOUNG & THOMPSON

*Benoit Castel*

Benoit Castel, Reg. No. 35,041  
745 South 23<sup>rd</sup> Street  
Arlington, VA 22202  
Telephone (703) 521-2297  
Telefax (703) 685-0573  
(703) 979-4709

BC/ia

Enclosures: ☒ Form PTO-1449(s)  
☒ Documents  
☒ Foreign Search Report  
☐ Other: \_\_\_\_\_

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

 Attorney Docket No.:  
**4001-1196**

 Application No.: **10/521736**  
**NEW NATIONAL PHASE**

 Applicant:  
**Reinhard GABL et al.**

 Filing Date:  
**January 19, 2005**

Group Art Unit:

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
	5,932,953	8/3/1999	DREES ET AL.			
	5,075,641	12/24/1991	WEBER ET AL.			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	EP 1 143 241	10/10/2001	EUROPE				
	JP 10-261934	9/29/1998	JAPAN				
	EP 1 054 460	11/22/2000	EUROPE				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	R.M. WHITE: "Surface acoustic wave sensors" ULTRASONICS SYMPOSIUM 1985, 1985, page 490-494, XP001155517 the whole document
	FERRARI V ET AL: "Multisensor array of mass microbalances for chemical detection based on resonant piezo-layers of screen-printed PZT" SENSORS AND ACTUATORS B, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 68, no. 1-3, 25 August 2000 (2000-08-25), pages 81-87, XP004216596 ISSN: 0925-4005 cited in the application the whole document
	I. WILLNER, E. KATZ: "Redoxproteinschichten auf leitenden Trägern - Systeme für bioelektronische Anwendungen" ANGEW. CHEM., vol. 112, 2000, pages 1230-1269, XP002269190 cited in the application the whole document
	LIANG HONGWEI ET AL: "Material parameter characterization of multilayer LTCC and implementation of high Q resonators" IEEE MTT S INT MICROWAVE SYMP DIG; IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM DIGEST 1999 IEEE, PISCATAWAY, NJ, USA, vol. 4, 1999, pages 1901-1904, XP0010343609 the whole document
	C. Koblinger et al., Biosensors & Bioelectronics, 7 (1992), S. 397 bis 404
	G. Sauerbrey, Zeitschrift für Physik, 155 (1959), S. 206-222
	H. Baltes, Proceedings of the IEEE, Vol. 86, No. 8, August 1998, Seiten 1660-1678

EXAMINER:

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* English language abstract provided for the Examiner's convenience